



Express Mail No. E\$534275325US
Attorney Docket No.: AM-8523

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hamid Noorbakhsh et al. § Group Art Unit: Unknown
S SERIAL NO.: 10/772,787 §
S FILED: February 5, 2004 § Examiner: Unknown
S TITLE: GAS DISTRIBUTION SHOWERHEAD §
S FOR SEMICONDUCTOR PROCESSING § Attorney Docket No. AM-8523

March 24, 2004

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)(1)**

**Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450**

Sir:

In accordance with 37 CFR § 1.97(b)(1), applicants hereby request consideration of this Information Disclosure Statement. This Information Disclosure Statement is being submitted within three (3) months of the filing date of the subject application.

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ER534275325US in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

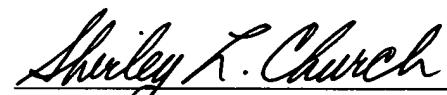
Date: March 24, 2004

Shirley L. Church
Shirley L. Church, Reg. No. 31,858

The submission of this Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior art" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

If the Examiner has any questions, s/he is respectfully requested to contact the undersigned attorney at the telephone number set forth below.

Respectfully submitted,


Shirley L. Church
Shirley L. Church
Registration No. 31,858
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Attorney Docket No.: AM-8523

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March 24, 2004

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

**Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450**

Sir:

Applicants are submitting the subject Information Disclosure Statement under 37 CFR § 1.97(b)(1). This Information Disclosure Statement is being submitted within three (3) months of the filing date of the subject application.

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Date: March 24, 2004



Shirley L. Church, Reg. No. 31,858

Applicants do not believe that any fee is due in connection with the filing of this Information Disclosure Statement under 37 CFR § 1.97(b)(1). However, in the event that any additional fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-1512 of Shirley L. Church, Sunnyvale, California, in the amount of such fee.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully submitted,



Shirley L. Church
Registration No. 31,858
Attorney for Applicants

Correspondence Address:
Patent Counsel
Applied Materials, Inc.
P.O. Box 450-A
Santa Clara, California 95052



FORM PTO-1449
(Equivalent)

U.S. Department of Commerce
Patent and Trademark Office

U.S. Application Serial No.
10/772,787

Atty. Docket No.
AM-8523

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Hamid Noorbakhsh et al. Applicants

February 5, 2004
Filing Date

Unknown Group

U. S. PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
	5,451,290	09/19/95	Salfelder	216	67	
	5,614,026	03/25/97	Williams	118	723 ME	
	5,781,693	07/14/98	Ballance et al.	392	416	
	5,976,261	11/02/99	Moslehi et al.	118	719	
	6,015,503	06/18/00	Butterbaugh et al.	216	66	
	6,050,506	04/18/00	Guo et al.	239	558	
	6,086,677	07/11/00	Umotoy et al.	118	715	
	6,182,603	02/06/01	Shang et al.	118	723 ME	
	6,302,964	10/16/01	Umotoy et al.	118	715	
	6,432,259	08/13/02	Noorbakhsh et al.	156	345.33	
	6,435,428	08/20/02	Kim et al.	239	553	
	6,444,042	09/03/02	Yang et al.	118	724	

Examiner **Date Considered**

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U. S. PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date If Appropriate</u>
	6,500,299	12/31/02	Mett et al.	156	345	
	6,555,166	04/29/03	Gluschenkov et al.	427	248.1	
	5,586,886	07/01/03	Katz et al.	315	111.21	
	6,605,177	08/12/03	Mett et al.	156	345.53	

U. S. PATENT APPLICATION DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date</u>
	2001/0006070A1	07/05/01	Shang et al.	134	1	12/19/00
	2002/0127853A1	09/12/02	Hubacek et al.	438	689	12/29/00
	2002/0192379A1	12/19/02	Metzner et al.	427	248.1	07/12/02
	2003/0106490A1	06/12/03	Jallepally et al.	117	89	08/07/02

FOREIGN PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Translation If Appropriate</u>
	WO 02/08487A1	01/31/02	Adomaitis et al.	C23C	16/00	

Examiner Date Considered

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